

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-730-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)  
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Issue Date: 12/7/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: MCGRAW-EDISON  
 Catalog Number: GFLD-SA2D-730-U-MR-XX  
 Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N44  
 Light Source: (32) 3000K CCT, 70 CRI LEDS  
 Ballast/Driver: -

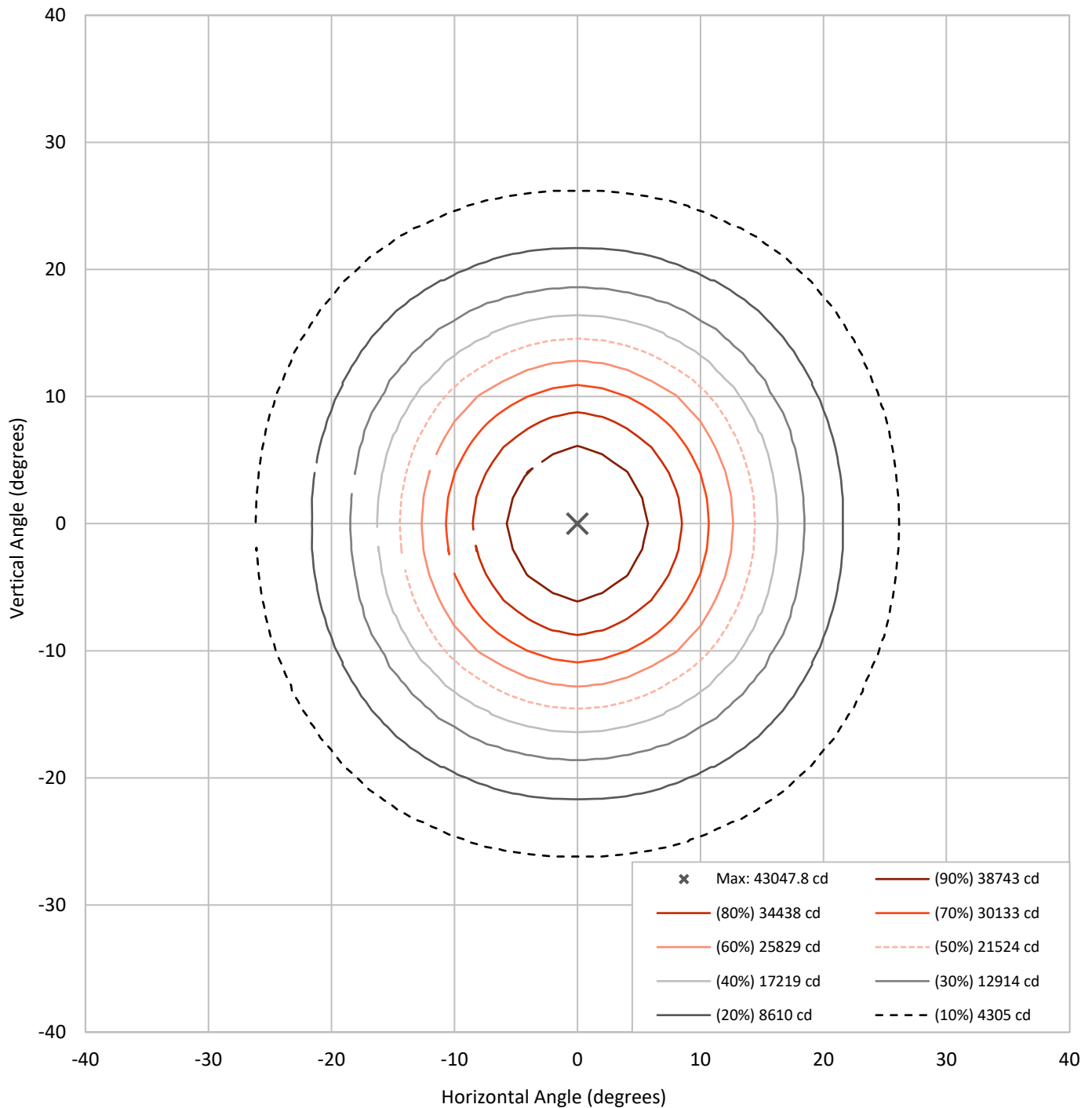
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	13449.6 lumens	Max Intensity:	43047.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	6539 lumens	Field Lumens:	11035.2 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	108.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

### Iso-Candela Plot





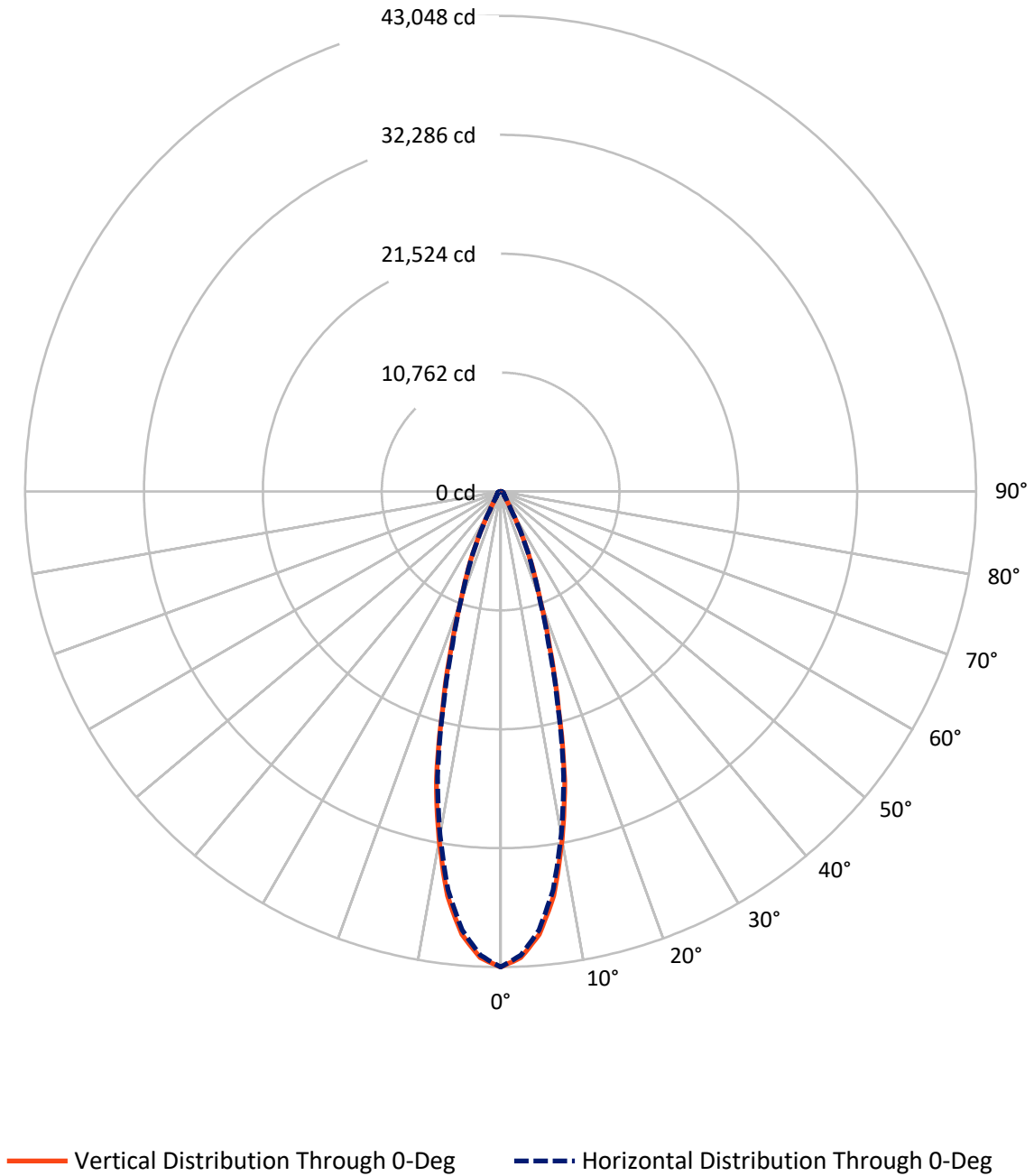
REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

### Lumen Table

90																			
80	0.3	2.2		5.8		9.2		10.3		9.2		5.8		2.2		0.3			
70																			
60	1.0	1.2	2.3	3.8	5.3	6.5	7.3	7.6	7.6	7.3	6.5	5.3	3.8	2.3	1.2	1.0			
50		1.7	3.5	5.6	7.5	9.3	10.4	10.8	10.8	10.4	9.3	7.5	5.6	3.5	1.7				
40	1.8	2.2	4.5	6.9	9.2	11.7	13.7	14.7	14.7	13.7	11.7	9.2	6.9	4.5	2.2	1.8			
30		2.6	5.2	8.0	11.3	16.1	23.3	30.3	30.3	23.3	16.1	11.3	8.0	5.2	2.6				
20	2.3	2.9	5.7	9.0	14.5	31.4	88.5	157.0	157.0	88.5	31.4	14.5	9.0	5.7	2.9	2.3			
10		3.1	6.0	9.8	19.7	82.5	294.2	563.8	563.8	294.2	82.5	19.7	9.8	6.0	3.1				
0	2.4	3.2	6.1	10.3	25.0	142.5	544.6	1071.1	1071.1	544.6	142.5	25.0	10.3	6.1	3.2	2.4			
-10		3.2	6.1	10.3	25.0	142.5	544.6	1071.1	1071.1	544.6	142.5	25.0	10.3	6.1	3.2				
-20	2.3	3.1	6.0	9.8	19.7	82.5	294.2	563.8	563.8	294.2	82.5	19.7	9.8	6.0	3.1	2.3			
-30		2.9	5.7	9.0	14.5	31.4	88.5	157.0	157.0	88.5	31.4	14.5	9.0	5.7	2.9				
-40	1.8	2.6	5.2	8.0	11.3	16.1	23.3	30.3	30.3	23.3	16.1	11.3	8.0	5.2	2.6	1.8			
-50		2.2	4.5	6.9	9.2	11.7	13.7	14.7	14.7	13.7	11.7	9.2	6.9	4.5	2.2				
-60	1.0	1.7	3.5	5.6	7.5	9.3	10.4	10.8	10.8	10.4	9.3	7.5	5.6	3.5	1.7	1.0			
-70		1.2	2.3	3.8	5.3	6.5	7.3	7.6	7.6	7.3	6.5	5.3	3.8	2.3	1.2				
-80																			
-90	0.3	2.2		5.8		9.2		10.3		9.2		5.8		2.2		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

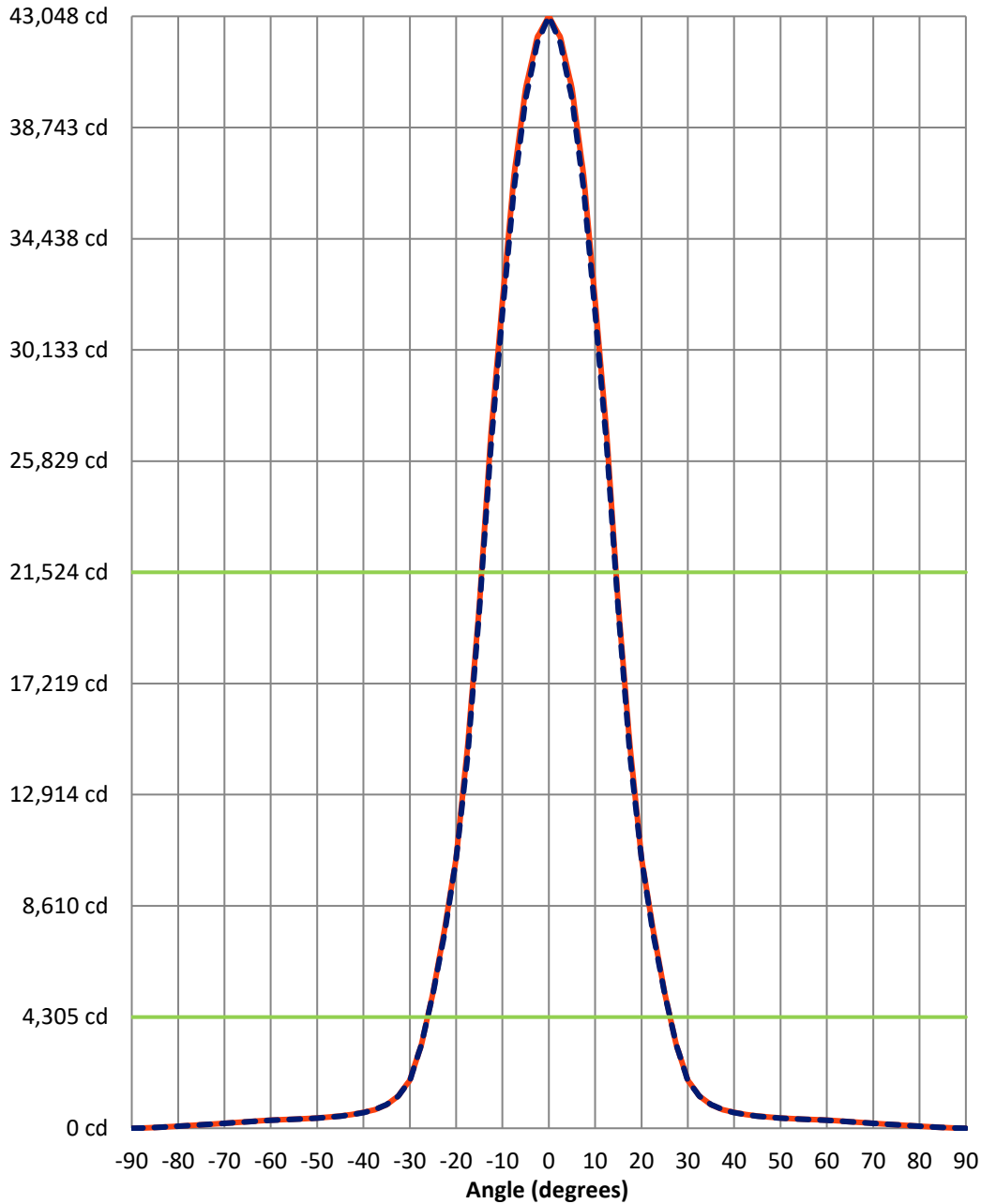
REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 6539  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 11035.2  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 2414.4  
 Efficiency: 18.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
85°	0.0	1.0	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
82.5°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.0	11.6	14.2	16.9
80°	0.0	1.9	3.9	5.8	7.7	9.6	11.7	15.0	18.6	22.3	26.1
77.5°	0.0	2.4	4.8	7.2	9.6	12.5	16.6	20.9	25.5	30.2	35.5
75°	0.0	2.9	5.7	8.6	11.7	16.6	21.5	26.7	32.4	39.1	45.7
72.5°	0.0	3.3	6.7	10.0	14.9	20.6	26.3	32.8	40.5	48.2	55.7
70°	0.0	3.8	7.6	11.6	18.1	24.6	31.2	39.8	48.6	57.2	66.6
67.5°	0.0	4.2	8.5	13.9	21.2	28.5	37.2	46.8	56.5	67.1	77.6
65°	0.0	4.7	9.4	16.2	24.3	32.9	43.1	53.6	65.1	76.8	88.6
62.5°	0.0	5.1	10.2	18.5	27.3	37.7	49.0	60.8	73.6	86.4	99.9
60°	0.0	5.5	11.1	20.7	30.3	42.5	54.7	68.0	81.9	96.2	110.9
57.5°	0.0	6.0	12.5	22.8	33.9	47.1	60.6	75.1	90.1	105.6	121.7
55°	0.0	6.4	13.9	24.9	37.5	51.6	66.4	82.0	98.1	114.8	132.4
52.5°	0.0	6.8	15.3	27.0	41.0	56.0	72.1	88.7	105.7	124.1	142.7
50°	0.0	7.1	16.6	29.0	44.4	60.5	77.4	95.1	113.3	133.1	152.3
47.5°	0.0	7.5	17.9	31.0	47.7	64.7	82.6	101.4	121.0	141.8	161.4
45°	0.0	7.8	19.1	33.3	50.8	68.8	87.7	107.4	128.4	149.5	170.0
42.5°	0.0	8.2	20.2	35.6	53.9	72.7	92.6	113.4	135.5	156.7	177.9
40°	0.0	8.5	21.4	37.7	56.8	76.3	97.3	119.2	142.0	163.5	185.3
37.5°	0.0	8.8	22.4	39.7	59.5	79.7	101.8	124.6	147.8	170.0	192.4
35°	0.0	9.1	23.4	41.6	62.1	83.1	105.9	129.7	153.2	176.2	199.0
32.5°	0.0	9.4	24.3	43.3	64.5	86.3	109.9	134.4	158.3	181.9	205.4
30°	0.0	9.6	25.2	44.8	66.7	89.4	113.6	138.6	163.0	187.3	211.4
27.5°	0.0	9.8	26.0	46.3	68.7	92.2	117.1	142.4	167.3	192.2	216.9
25°	0.0	10.1	26.8	47.5	70.6	94.7	120.1	145.8	171.3	196.7	221.9
22.5°	0.0	10.3	27.5	48.7	72.3	97.1	122.9	148.9	174.8	200.7	227.0
20°	0.0	10.4	28.1	49.7	73.9	99.1	125.3	151.6	178.0	204.3	231.5
17.5°	0.0	10.6	28.6	50.5	75.3	100.8	127.5	154.0	180.7	207.4	235.4
15°	0.0	10.7	29.1	51.2	76.5	102.2	129.5	156.2	183.1	210.0	238.7
12.5°	0.0	10.8	29.5	51.8	77.6	103.4	131.2	158.3	185.2	212.2	241.4
10°	0.0	10.9	29.8	52.2	78.5	104.2	132.7	160.0	187.2	214.7	244.0
7.5°	0.0	11.0	30.1	52.5	79.2	104.8	133.9	161.3	188.7	217.0	246.8
5°	0.0	11.1	30.3	52.6	79.7	105.1	134.7	162.2	189.8	218.9	249.0
2.5°	0.0	11.1	30.4	52.6	80.0	105.2	135.2	162.8	190.5	220.3	250.5
0°	0.0	11.1	30.4	52.6	80.0	105.2	135.2	162.8	190.5	220.3	250.5
-2.5°	0.0	11.1	30.4	52.6	80.0	105.2	135.2	162.8	190.5	220.3	250.5
-5°	0.0	11.1	30.3	52.6	79.7	105.1	134.7	162.2	189.8	218.9	249.0
-7.5°	0.0	11.0	30.1	52.5	79.2	104.8	133.9	161.3	188.7	217.0	246.8
-10°	0.0	10.9	29.8	52.2	78.5	104.2	132.7	160.0	187.2	214.7	244.0
-12.5°	0.0	10.8	29.5	51.8	77.6	103.4	131.2	158.3	185.2	212.2	241.4
-15°	0.0	10.7	29.1	51.2	76.5	102.2	129.5	156.2	183.1	210.0	238.7
-17.5°	0.0	10.6	28.6	50.5	75.3	100.8	127.5	154.0	180.7	207.4	235.4
-20°	0.0	10.4	28.1	49.7	73.9	99.1	125.3	151.6	178.0	204.3	231.5

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.3	27.5	48.7	72.3	97.1	122.9	148.9	174.8	200.7	227.0
-25°	0.0	10.1	26.8	47.5	70.6	94.7	120.1	145.8	171.3	196.7	221.9
-27.5°	0.0	9.8	26.0	46.3	68.7	92.2	117.1	142.4	167.3	192.2	216.9
-30°	0.0	9.6	25.2	44.8	66.7	89.4	113.6	138.6	163.0	187.3	211.4
-32.5°	0.0	9.4	24.3	43.3	64.5	86.3	109.9	134.4	158.3	181.9	205.4
-35°	0.0	9.1	23.4	41.6	62.1	83.1	105.9	129.7	153.2	176.2	199.0
-37.5°	0.0	8.8	22.4	39.7	59.5	79.7	101.8	124.6	147.8	170.0	192.4
-40°	0.0	8.5	21.4	37.7	56.8	76.3	97.3	119.2	142.0	163.5	185.3
-42.5°	0.0	8.2	20.2	35.6	53.9	72.7	92.6	113.4	135.5	156.7	177.9
-45°	0.0	7.8	19.1	33.3	50.8	68.8	87.7	107.4	128.4	149.5	170.0
-47.5°	0.0	7.5	17.9	31.0	47.7	64.7	82.6	101.4	121.0	141.8	161.4
-50°	0.0	7.1	16.6	29.0	44.4	60.5	77.4	95.1	113.3	133.1	152.3
-52.5°	0.0	6.8	15.3	27.0	41.0	56.0	72.1	88.7	105.7	124.1	142.7
-55°	0.0	6.4	13.9	24.9	37.5	51.6	66.4	82.0	98.1	114.8	132.4
-57.5°	0.0	6.0	12.5	22.8	33.9	47.1	60.6	75.1	90.1	105.6	121.7
-60°	0.0	5.5	11.1	20.7	30.3	42.5	54.7	68.0	81.9	96.2	110.9
-62.5°	0.0	5.1	10.2	18.5	27.3	37.7	49.0	60.8	73.6	86.4	99.9
-65°	0.0	4.7	9.4	16.2	24.3	32.9	43.1	53.6	65.1	76.8	88.6
-67.5°	0.0	4.2	8.5	13.9	21.2	28.5	37.2	46.8	56.5	67.1	77.6
-70°	0.0	3.8	7.6	11.6	18.1	24.6	31.2	39.8	48.6	57.2	66.6
-72.5°	0.0	3.3	6.7	10.0	14.9	20.6	26.3	32.8	40.5	48.2	55.7
-75°	0.0	2.9	5.7	8.6	11.7	16.6	21.5	26.7	32.4	39.1	45.7
-77.5°	0.0	2.4	4.8	7.2	9.6	12.5	16.6	20.9	25.5	30.2	35.5
-80°	0.0	1.9	3.9	5.8	7.7	9.6	11.7	15.0	18.6	22.3	26.1
-82.5°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.0	11.6	14.2	16.9
-85°	0.0	1.0	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
-87.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	5.5	6.0	6.4	6.8	7.1	7.5	7.8	8.2	8.5	8.8
85°	10.2	11.1	12.7	14.3	15.9	17.4	18.8	20.2	21.6	22.8	24.0
82.5°	19.5	22.1	24.6	27.0	29.3	31.5	33.7	35.8	37.8	39.7	41.5
80°	29.7	33.0	36.4	39.6	42.6	45.7	48.6	51.3	54.0	56.9	59.9
77.5°	40.3	44.7	48.6	52.2	56.1	60.8	65.3	69.7	73.9	77.9	81.7
75°	51.3	56.3	61.7	67.0	72.6	78.2	83.7	89.0	94.1	99.4	104.7
72.5°	63.0	69.7	76.2	82.5	89.5	96.4	102.6	108.4	114.9	122.1	128.6
70°	75.3	83.0	91.2	99.3	107.3	114.9	122.7	130.6	138.5	146.2	153.6
67.5°	87.7	97.4	106.9	116.1	125.1	134.2	143.5	153.0	162.1	170.8	179.3
65°	100.9	111.7	122.3	132.6	142.6	153.8	164.7	175.3	186.9	197.6	207.0
62.5°	113.7	125.8	137.5	149.2	161.3	173.7	186.4	199.7	213.5	223.4	232.0
60°	126.0	139.6	152.7	166.1	179.7	193.6	208.3	222.4	235.0	245.9	254.9
57.5°	138.0	153.3	167.8	182.3	197.2	213.1	229.2	243.6	255.4	265.9	275.8
55°	149.6	166.6	182.0	197.5	214.4	233.0	249.5	262.6	274.6	283.3	292.7
52.5°	160.7	178.9	195.1	212.4	231.7	251.0	267.4	280.1	290.2	299.2	308.4
50°	171.4	189.7	207.6	227.3	247.7	267.0	283.6	295.3	305.5	314.8	323.7
47.5°	181.0	200.0	220.2	241.3	262.6	281.7	297.7	309.6	320.1	329.7	339.4
45°	190.1	210.5	232.0	255.1	276.9	295.9	310.4	323.2	333.2	344.0	356.2
42.5°	198.8	220.6	243.9	268.5	290.8	308.2	322.2	334.4	346.1	359.0	372.6
40°	207.3	230.0	255.2	281.1	303.8	318.9	332.9	345.9	359.3	374.0	388.9
37.5°	215.2	239.6	265.8	292.8	313.4	329.0	343.5	358.0	373.0	388.9	407.3
35°	222.5	248.5	276.0	302.1	321.8	338.8	354.4	370.1	387.0	406.3	426.7
32.5°	229.6	256.6	285.4	309.9	329.5	347.7	364.8	382.6	401.9	423.2	446.5
30°	236.6	264.5	293.7	317.8	336.3	354.9	375.1	394.9	416.3	440.0	467.4
27.5°	243.4	271.8	300.6	324.1	342.3	361.3	382.9	406.9	430.4	456.3	488.0
25°	249.6	279.3	307.4	329.0	347.5	367.4	389.9	415.5	443.1	473.9	512.7
22.5°	255.5	286.1	313.9	333.2	351.9	372.7	396.9	424.0	454.0	489.7	537.1
20°	261.0	291.4	318.2	337.1	355.4	376.9	403.0	431.5	465.8	509.0	565.7
17.5°	265.8	295.9	321.1	340.3	359.2	381.3	408.2	437.9	476.3	526.0	593.2
15°	269.9	299.6	323.7	342.8	362.4	385.8	413.4	445.8	487.9	542.7	616.9
12.5°	273.3	302.4	325.8	344.5	364.8	389.1	418.0	453.5	499.5	561.0	648.9
10°	275.9	304.5	327.5	345.6	366.6	391.3	421.5	459.4	508.9	576.2	676.2
7.5°	278.5	306.4	328.7	346.1	367.6	392.4	424.0	463.6	515.8	587.6	698.1
5°	280.4	308.1	329.4	347.1	368.2	392.8	425.6	466.1	520.1	595.1	713.5
2.5°	281.4	309.2	329.4	347.9	368.2	393.1	427.6	467.5	524.9	601.5	722.3
0°	281.8	309.5	328.8	348.2	367.5	392.4	428.3	467.0	527.8	605.1	724.0
-2.5°	281.4	309.2	329.4	347.9	368.2	393.1	427.6	467.5	524.9	601.5	722.3
-5°	280.4	308.1	329.4	347.1	368.2	392.8	425.6	466.1	520.1	595.1	713.5
-7.5°	278.5	306.4	328.7	346.1	367.6	392.4	424.0	463.6	515.8	587.6	698.1
-10°	275.9	304.5	327.5	345.6	366.6	391.3	421.5	459.4	508.9	576.2	676.2
-12.5°	273.3	302.4	325.8	344.5	364.8	389.1	418.0	453.5	499.5	561.0	648.9
-15°	269.9	299.6	323.7	342.8	362.4	385.8	413.4	445.8	487.9	542.7	616.9
-17.5°	265.8	295.9	321.1	340.3	359.2	381.3	408.2	437.9	476.3	526.0	593.2
-20°	261.0	291.4	318.2	337.1	355.4	376.9	403.0	431.5	465.8	509.0	565.7

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	255.5	286.1	313.9	333.2	351.9	372.7	396.9	424.0	454.0	489.7	537.1
-25°	249.6	279.3	307.4	329.0	347.5	367.4	389.9	415.5	443.1	473.9	512.7
-27.5°	243.4	271.8	300.6	324.1	342.3	361.3	382.9	406.9	430.4	456.3	488.0
-30°	236.6	264.5	293.7	317.8	336.3	354.9	375.1	394.9	416.3	440.0	467.4
-32.5°	229.6	256.6	285.4	309.9	329.5	347.7	364.8	382.6	401.9	423.2	446.5
-35°	222.5	248.5	276.0	302.1	321.8	338.8	354.4	370.1	387.0	406.3	426.7
-37.5°	215.2	239.6	265.8	292.8	313.4	329.0	343.5	358.0	373.0	388.9	407.3
-40°	207.3	230.0	255.2	281.1	303.8	318.9	332.9	345.9	359.3	374.0	388.9
-42.5°	198.8	220.6	243.9	268.5	290.8	308.2	322.2	334.4	346.1	359.0	372.6
-45°	190.1	210.5	232.0	255.1	276.9	295.9	310.4	323.2	333.2	344.0	356.2
-47.5°	181.0	200.0	220.2	241.3	262.6	281.7	297.7	309.6	320.1	329.7	339.4
-50°	171.4	189.7	207.6	227.3	247.7	267.0	283.6	295.3	305.5	314.8	323.7
-52.5°	160.7	178.9	195.1	212.4	231.7	251.0	267.4	280.1	290.2	299.2	308.4
-55°	149.6	166.6	182.0	197.5	214.4	233.0	249.5	262.6	274.6	283.3	292.7
-57.5°	138.0	153.3	167.8	182.3	197.2	213.1	229.2	243.6	255.4	265.9	275.8
-60°	126.0	139.6	152.7	166.1	179.7	193.6	208.3	222.4	235.0	245.9	254.9
-62.5°	113.7	125.8	137.5	149.2	161.3	173.7	186.4	199.7	213.5	223.4	232.0
-65°	100.9	111.7	122.3	132.6	142.6	153.8	164.7	175.3	186.9	197.6	207.0
-67.5°	87.7	97.4	106.9	116.1	125.1	134.2	143.5	153.0	162.1	170.8	179.3
-70°	75.3	83.0	91.2	99.3	107.3	114.9	122.7	130.6	138.5	146.2	153.6
-72.5°	63.0	69.7	76.2	82.5	89.5	96.4	102.6	108.4	114.9	122.1	128.6
-75°	51.3	56.3	61.7	67.0	72.6	78.2	83.7	89.0	94.1	99.4	104.7
-77.5°	40.3	44.7	48.6	52.2	56.1	60.8	65.3	69.7	73.9	77.9	81.7
-80°	29.7	33.0	36.4	39.6	42.6	45.7	48.6	51.3	54.0	56.9	59.9
-82.5°	19.5	22.1	24.6	27.0	29.3	31.5	33.7	35.8	37.8	39.7	41.5
-85°	10.2	11.1	12.7	14.3	15.9	17.4	18.8	20.2	21.6	22.8	24.0
-87.5°	5.1	5.5	6.0	6.4	6.8	7.1	7.5	7.8	8.2	8.5	8.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.1	9.4	9.6	9.8	10.1	10.3	10.4	10.6	10.7	10.8	10.9
85°	25.2	26.3	27.3	28.2	29.0	29.3	29.3	29.3	29.1	29.5	29.8
82.5°	43.3	45.2	47.1	49.1	51.0	51.7	52.2	52.5	52.8	53.5	54.2
80°	62.8	65.8	68.7	71.2	73.5	75.1	76.5	77.9	79.1	79.7	79.9
77.5°	85.5	89.2	92.7	95.9	98.9	101.2	103.1	104.6	105.8	106.6	107.1
75°	109.9	114.6	118.8	122.7	126.3	128.8	130.5	131.8	132.7	133.6	134.3
72.5°	134.6	139.9	144.9	149.6	153.7	156.6	158.6	160.3	161.5	162.4	162.9
70°	160.5	166.9	172.4	177.1	180.8	183.6	185.8	187.5	188.9	189.8	190.3
67.5°	187.4	194.2	199.4	203.5	206.8	209.7	212.4	214.4	215.8	217.1	218.5
65°	214.8	221.8	227.0	231.4	234.9	238.6	242.1	244.7	246.4	248.0	249.6
62.5°	240.5	248.5	254.5	260.2	265.9	271.4	274.5	277.0	278.7	280.2	282.0
60°	264.0	272.9	280.3	287.2	294.3	301.3	304.2	306.5	308.6	310.6	312.5
57.5°	284.7	294.2	303.3	310.1	316.8	323.4	328.0	330.5	332.1	333.1	333.8
55°	302.8	312.3	321.3	329.2	336.5	343.3	348.3	350.8	352.6	353.8	354.5
52.5°	319.0	329.1	338.8	347.5	355.4	362.7	369.1	372.4	375.1	377.0	377.7
50°	334.9	345.9	356.3	365.6	374.8	383.6	391.6	396.3	399.5	401.6	402.2
47.5°	351.5	363.4	374.7	385.5	395.9	406.3	415.9	422.3	427.0	430.5	433.0
45°	368.7	381.6	394.1	406.9	418.9	432.2	444.3	453.6	460.5	466.4	471.2
42.5°	386.1	400.5	414.9	431.4	447.7	462.9	477.4	489.7	500.9	511.9	520.5
40°	405.1	420.8	440.5	460.0	480.2	497.9	518.9	537.7	555.0	573.6	589.0
37.5°	425.7	446.0	469.3	492.7	518.9	544.3	573.7	602.6	627.7	660.4	686.6
35°	448.3	474.0	501.5	532.8	566.6	606.6	647.6	695.8	736.7	788.6	836.5
32.5°	473.4	503.6	539.2	582.3	628.0	692.2	752.3	834.0	903.8	993.8	1092.2
30°	498.9	537.9	586.5	642.1	719.4	810.4	916.5	1054.5	1203.8	1358.3	1566.3
27.5°	529.1	579.8	640.4	726.3	841.9	967.9	1184.1	1417.5	1742.7	2000.1	2458.7
25°	561.7	624.4	714.0	838.5	998.2	1253.2	1618.1	2040.6	2691.4	3270.2	3935.4
22.5°	600.3	685.5	804.0	967.1	1245.5	1684.1	2253.8	3121.5	4086.2	5038.3	5908.5
20°	641.2	744.1	909.8	1175.3	1605.6	2239.9	3256.2	4496.2	5776.9	7081.7	8181.3
17.5°	688.9	828.6	1046.9	1399.6	2013.5	3099.5	4456.9	6033.6	7706.8	9371.8	10818.1
15°	729.9	902.5	1196.5	1724.7	2640.2	3998.6	5667.0	7658.3	9762.3	11923.1	14265.1
12.5°	782.2	991.6	1350.6	1993.6	3196.2	4961.8	7003.2	9315.2	11884.5	14753.5	18404.6
10°	830.2	1085.0	1553.3	2424.3	3864.6	5861.6	8157.4	10780.5	14113.1	18424.5	22828.5
7.5°	868.6	1159.1	1710.6	2760.4	4425.2	6630.3	9196.8	12341.7	16499.3	21633.2	26665.1
5°	895.4	1210.5	1823.1	3014.3	4876.0	7217.7	9934.3	13492.5	18510.7	24259.7	29397.6
2.5°	912.2	1238.6	1878.1	3165.1	5170.1	7571.2	10394.4	14223.9	19743.4	25931.7	31133.6
0°	920.1	1243.4	1843.0	3238.5	5211.4	7546.3	10436.6	14468.1	20035.9	26385.7	31566.7
-2.5°	912.2	1238.6	1878.1	3165.1	5170.1	7571.2	10394.4	14223.9	19743.4	25931.7	31133.6
-5°	895.4	1210.5	1823.1	3014.3	4876.0	7217.7	9934.3	13492.5	18510.7	24259.7	29397.6
-7.5°	868.6	1159.1	1710.6	2760.4	4425.2	6630.3	9196.8	12341.7	16499.3	21633.2	26665.1
-10°	830.2	1085.0	1553.3	2424.3	3864.6	5861.6	8157.4	10780.5	14113.1	18424.5	22828.5
-12.5°	782.2	991.6	1350.6	1993.6	3196.2	4961.8	7003.2	9315.2	11884.5	14753.5	18404.6
-15°	729.9	902.5	1196.5	1724.7	2640.2	3998.6	5667.0	7658.3	9762.3	11923.1	14265.1
-17.5°	688.9	828.6	1046.9	1399.6	2013.5	3099.5	4456.9	6033.6	7706.8	9371.8	10818.1
-20°	641.2	744.1	909.8	1175.3	1605.6	2239.9	3256.2	4496.2	5776.9	7081.7	8181.3

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	600.3	685.5	804.0	967.1	1245.5	1684.1	2253.8	3121.5	4086.2	5038.3	5908.5
-25°	561.7	624.4	714.0	838.5	998.2	1253.2	1618.1	2040.6	2691.4	3270.2	3935.4
-27.5°	529.1	579.8	640.4	726.3	841.9	967.9	1184.1	1417.5	1742.7	2000.1	2458.7
-30°	498.9	537.9	586.5	642.1	719.4	810.4	916.5	1054.5	1203.8	1358.3	1566.3
-32.5°	473.4	503.6	539.2	582.3	628.0	692.2	752.3	834.0	903.8	993.8	1092.2
-35°	448.3	474.0	501.5	532.8	566.6	606.6	647.6	695.8	736.7	788.6	836.5
-37.5°	425.7	446.0	469.3	492.7	518.9	544.3	573.7	602.6	627.7	660.4	686.6
-40°	405.1	420.8	440.5	460.0	480.2	497.9	518.9	537.7	555.0	573.6	589.0
-42.5°	386.1	400.5	414.9	431.4	447.7	462.9	477.4	489.7	500.9	511.9	520.5
-45°	368.7	381.6	394.1	406.9	418.9	432.2	444.3	453.6	460.5	466.4	471.2
-47.5°	351.5	363.4	374.7	385.5	395.9	406.3	415.9	422.3	427.0	430.5	433.0
-50°	334.9	345.9	356.3	365.6	374.8	383.6	391.6	396.3	399.5	401.6	402.2
-52.5°	319.0	329.1	338.8	347.5	355.4	362.7	369.1	372.4	375.1	377.0	377.7
-55°	302.8	312.3	321.3	329.2	336.5	343.3	348.3	350.8	352.6	353.8	354.5
-57.5°	284.7	294.2	303.3	310.1	316.8	323.4	328.0	330.5	332.1	333.1	333.8
-60°	264.0	272.9	280.3	287.2	294.3	301.3	304.2	306.5	308.6	310.6	312.5
-62.5°	240.5	248.5	254.5	260.2	265.9	271.4	274.5	277.0	278.7	280.2	282.0
-65°	214.8	221.8	227.0	231.4	234.9	238.6	242.1	244.7	246.4	248.0	249.6
-67.5°	187.4	194.2	199.4	203.5	206.8	209.7	212.4	214.4	215.8	217.1	218.5
-70°	160.5	166.9	172.4	177.1	180.8	183.6	185.8	187.5	188.9	189.8	190.3
-72.5°	134.6	139.9	144.9	149.6	153.7	156.6	158.6	160.3	161.5	162.4	162.9
-75°	109.9	114.6	118.8	122.7	126.3	128.8	130.5	131.8	132.7	133.6	134.3
-77.5°	85.5	89.2	92.7	95.9	98.9	101.2	103.1	104.6	105.8	106.6	107.1
-80°	62.8	65.8	68.7	71.2	73.5	75.1	76.5	77.9	79.1	79.7	79.9
-82.5°	43.3	45.2	47.1	49.1	51.0	51.7	52.2	52.5	52.8	53.5	54.2
-85°	25.2	26.3	27.3	28.2	29.0	29.3	29.3	29.3	29.1	29.5	29.8
-87.5°	9.1	9.4	9.6	9.8	10.1	10.3	10.4	10.6	10.7	10.8	10.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.0	11.1	11.1	11.1	11.1	11.1	11.0	10.9	10.8	10.7	10.6
85°	30.1	30.3	30.4	30.4	30.4	30.3	30.1	29.8	29.5	29.1	29.3
82.5°	54.7	55.0	55.2	55.3	55.2	55.0	54.7	54.2	53.5	52.8	52.5
80°	79.9	79.7	80.0	80.1	80.0	79.7	79.9	79.9	79.7	79.1	77.9
77.5°	107.3	107.3	107.7	107.8	107.7	107.3	107.3	107.1	106.6	105.8	104.6
75°	134.7	134.8	135.2	135.4	135.2	134.8	134.7	134.3	133.6	132.7	131.8
72.5°	162.8	162.4	162.8	163.0	162.8	162.4	162.8	162.9	162.4	161.5	160.3
70°	190.4	190.0	191.7	193.4	191.7	190.0	190.4	190.3	189.8	188.9	187.5
67.5°	219.5	220.1	222.1	223.8	222.1	220.1	219.5	218.5	217.1	215.8	214.4
65°	250.4	250.5	252.4	254.2	252.4	250.5	250.4	249.6	248.0	246.4	244.7
62.5°	283.1	283.4	285.4	287.4	285.4	283.4	283.1	282.0	280.2	278.7	277.0
60°	313.6	313.9	314.6	315.0	314.6	313.9	313.6	312.5	310.6	308.6	306.5
57.5°	334.1	333.7	334.0	334.3	334.0	333.7	334.1	333.8	333.1	332.1	330.5
55°	354.3	353.4	352.3	350.9	352.3	353.4	354.3	354.5	353.8	352.6	350.8
52.5°	377.2	375.7	374.4	373.0	374.4	375.7	377.2	377.7	377.0	375.1	372.4
50°	401.8	400.5	399.3	397.9	399.3	400.5	401.8	402.2	401.6	399.5	396.3
47.5°	434.7	435.2	435.0	433.8	435.0	435.2	434.7	433.0	430.5	427.0	422.3
45°	474.5	476.1	476.3	475.3	476.3	476.1	474.5	471.2	466.4	460.5	453.6
42.5°	526.5	530.0	532.0	533.3	532.0	530.0	526.5	520.5	511.9	500.9	489.7
40°	600.3	607.4	611.9	616.2	611.9	607.4	600.3	589.0	573.6	555.0	537.7
37.5°	706.0	719.0	724.8	721.2	724.8	719.0	706.0	686.6	660.4	627.7	602.6
35°	873.4	898.0	910.8	911.9	910.8	898.0	873.4	836.5	788.6	736.7	695.8
32.5°	1164.9	1215.3	1242.4	1246.2	1242.4	1215.3	1164.9	1092.2	993.8	903.8	834.0
30°	1725.5	1828.3	1876.6	1865.2	1876.6	1828.3	1725.5	1566.3	1358.3	1203.8	1054.5
27.5°	2815.1	3071.6	3223.6	3235.7	3223.6	3071.6	2815.1	2458.7	2000.1	1742.7	1417.5
25°	4524.6	4962.4	5242.8	5247.3	5242.8	4962.4	4524.6	3935.4	3270.2	2691.4	2040.6
22.5°	6713.2	7310.9	7638.3	7695.5	7638.3	7310.9	6713.2	5908.5	5038.3	4086.2	3121.5
20°	9248.8	10043.8	10469.2	10469.7	10469.2	10043.8	9248.8	8181.3	7081.7	5776.9	4496.2
17.5°	12371.5	13662.5	14472.9	14821.8	14472.9	13662.5	12371.5	10818.1	9371.8	7706.8	6033.6
15°	16520.1	18689.5	19989.5	20223.8	19989.5	18689.5	16520.1	14265.1	11923.1	9762.3	7658.3
12.5°	21571.5	24317.0	26162.5	26838.9	26162.5	24317.0	21571.5	18404.6	14753.5	11884.5	9315.2
10°	26845.6	29389.4	31366.6	32030.9	31366.6	29389.4	26845.6	22828.5	18424.5	14113.1	10780.5
7.5°	30655.6	33689.1	35916.2	36894.2	35916.2	33689.1	30655.6	26665.1	21633.2	16499.3	12341.7
5°	33663.4	37252.6	39325.8	40245.9	39325.8	37252.6	33663.4	29397.6	24259.7	18510.7	13492.5
2.5°	35636.8	39183.3	41378.7	42227.1	41378.7	39183.3	35636.8	31133.6	25931.7	19743.4	14223.9
0°	36374.7	39842.5	42011.6	43047.8	42011.6	39842.5	36374.7	31566.7	26385.7	20035.9	14468.1
-2.5°	35636.8	39183.3	41378.7	42227.1	41378.7	39183.3	35636.8	31133.6	25931.7	19743.4	14223.9
-5°	33663.4	37252.6	39325.8	40245.9	39325.8	37252.6	33663.4	29397.6	24259.7	18510.7	13492.5
-7.5°	30655.6	33689.1	35916.2	36894.2	35916.2	33689.1	30655.6	26665.1	21633.2	16499.3	12341.7
-10°	26845.6	29389.4	31366.6	32030.9	31366.6	29389.4	26845.6	22828.5	18424.5	14113.1	10780.5
-12.5°	21571.5	24317.0	26162.5	26838.9	26162.5	24317.0	21571.5	18404.6	14753.5	11884.5	9315.2
-15°	16520.1	18689.5	19989.5	20223.8	19989.5	18689.5	16520.1	14265.1	11923.1	9762.3	7658.3
-17.5°	12371.5	13662.5	14472.9	14821.8	14472.9	13662.5	12371.5	10818.1	9371.8	7706.8	6033.6
-20°	9248.8	10043.8	10469.2	10469.7	10469.2	10043.8	9248.8	8181.3	7081.7	5776.9	4496.2



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6713.2	7310.9	7638.3	7695.5	7638.3	7310.9	6713.2	5908.5	5038.3	4086.2	3121.5
-25°	4524.6	4962.4	5242.8	5247.3	5242.8	4962.4	4524.6	3935.4	3270.2	2691.4	2040.6
-27.5°	2815.1	3071.6	3223.6	3235.7	3223.6	3071.6	2815.1	2458.7	2000.1	1742.7	1417.5
-30°	1725.5	1828.3	1876.6	1865.2	1876.6	1828.3	1725.5	1566.3	1358.3	1203.8	1054.5
-32.5°	1164.9	1215.3	1242.4	1246.2	1242.4	1215.3	1164.9	1092.2	993.8	903.8	834.0
-35°	873.4	898.0	910.8	911.9	910.8	898.0	873.4	836.5	788.6	736.7	695.8
-37.5°	706.0	719.0	724.8	721.2	724.8	719.0	706.0	686.6	660.4	627.7	602.6
-40°	600.3	607.4	611.9	616.2	611.9	607.4	600.3	589.0	573.6	555.0	537.7
-42.5°	526.5	530.0	532.0	533.3	532.0	530.0	526.5	520.5	511.9	500.9	489.7
-45°	474.5	476.1	476.3	475.3	476.3	476.1	474.5	471.2	466.4	460.5	453.6
-47.5°	434.7	435.2	435.0	433.8	435.0	435.2	434.7	433.0	430.5	427.0	422.3
-50°	401.8	400.5	399.3	397.9	399.3	400.5	401.8	402.2	401.6	399.5	396.3
-52.5°	377.2	375.7	374.4	373.0	374.4	375.7	377.2	377.7	377.0	375.1	372.4
-55°	354.3	353.4	352.3	350.9	352.3	353.4	354.3	354.5	353.8	352.6	350.8
-57.5°	334.1	333.7	334.0	334.3	334.0	333.7	334.1	333.8	333.1	332.1	330.5
-60°	313.6	313.9	314.6	315.0	314.6	313.9	313.6	312.5	310.6	308.6	306.5
-62.5°	283.1	283.4	285.4	287.4	285.4	283.4	283.1	282.0	280.2	278.7	277.0
-65°	250.4	250.5	252.4	254.2	252.4	250.5	250.4	249.6	248.0	246.4	244.7
-67.5°	219.5	220.1	222.1	223.8	222.1	220.1	219.5	218.5	217.1	215.8	214.4
-70°	190.4	190.0	191.7	193.4	191.7	190.0	190.4	190.3	189.8	188.9	187.5
-72.5°	162.8	162.4	162.8	163.0	162.8	162.4	162.8	162.9	162.4	161.5	160.3
-75°	134.7	134.8	135.2	135.4	135.2	134.8	134.7	134.3	133.6	132.7	131.8
-77.5°	107.3	107.3	107.7	107.8	107.7	107.3	107.3	107.1	106.6	105.8	104.6
-80°	79.9	79.7	80.0	80.1	80.0	79.7	79.9	79.9	79.7	79.1	77.9
-82.5°	54.7	55.0	55.2	55.3	55.2	55.0	54.7	54.2	53.5	52.8	52.5
-85°	30.1	30.3	30.4	30.4	30.4	30.3	30.1	29.8	29.5	29.1	29.3
-87.5°	11.0	11.1	11.1	11.1	11.1	11.1	11.0	10.9	10.8	10.7	10.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.4	10.3	10.1	9.8	9.6	9.4	9.1	8.8	8.5	8.2	7.8
85°	29.3	29.3	29.0	28.2	27.3	26.3	25.2	24.0	22.8	21.6	20.2
82.5°	52.2	51.7	51.0	49.1	47.1	45.2	43.3	41.5	39.7	37.8	35.8
80°	76.5	75.1	73.5	71.2	68.7	65.8	62.8	59.9	56.9	54.0	51.3
77.5°	103.1	101.2	98.9	95.9	92.7	89.2	85.5	81.7	77.9	73.9	69.7
75°	130.5	128.8	126.3	122.7	118.8	114.6	109.9	104.7	99.4	94.1	89.0
72.5°	158.6	156.6	153.7	149.6	144.9	139.9	134.6	128.6	122.1	114.9	108.4
70°	185.8	183.6	180.8	177.1	172.4	166.9	160.5	153.6	146.2	138.5	130.6
67.5°	212.4	209.7	206.8	203.5	199.4	194.2	187.4	179.3	170.8	162.1	153.0
65°	242.1	238.6	234.9	231.4	227.0	221.8	214.8	207.0	197.6	186.9	175.3
62.5°	274.5	271.4	265.9	260.2	254.5	248.5	240.5	232.0	223.4	213.5	199.7
60°	304.2	301.3	294.3	287.2	280.3	272.9	264.0	254.9	245.9	235.0	222.4
57.5°	328.0	323.4	316.8	310.1	303.3	294.2	284.7	275.8	265.9	255.4	243.6
55°	348.3	343.3	336.5	329.2	321.3	312.3	302.8	292.7	283.3	274.6	262.6
52.5°	369.1	362.7	355.4	347.5	338.8	329.1	319.0	308.4	299.2	290.2	280.1
50°	391.6	383.6	374.8	365.6	356.3	345.9	334.9	323.7	314.8	305.5	295.3
47.5°	415.9	406.3	395.9	385.5	374.7	363.4	351.5	339.4	329.7	320.1	309.6
45°	444.3	432.2	418.9	406.9	394.1	381.6	368.7	356.2	344.0	333.2	323.2
42.5°	477.4	462.9	447.7	431.4	414.9	400.5	386.1	372.6	359.0	346.1	334.4
40°	518.9	497.9	480.2	460.0	440.5	420.8	405.1	388.9	374.0	359.3	345.9
37.5°	573.7	544.3	518.9	492.7	469.3	446.0	425.7	407.3	388.9	373.0	358.0
35°	647.6	606.6	566.6	532.8	501.5	474.0	448.3	426.7	406.3	387.0	370.1
32.5°	752.3	692.2	628.0	582.3	539.2	503.6	473.4	446.5	423.2	401.9	382.6
30°	916.5	810.4	719.4	642.1	586.5	537.9	498.9	467.4	440.0	416.3	394.9
27.5°	1184.1	967.9	841.9	726.3	640.4	579.8	529.1	488.0	456.3	430.4	406.9
25°	1618.1	1253.2	998.2	838.5	714.0	624.4	561.7	512.7	473.9	443.1	415.5
22.5°	2253.8	1684.1	1245.5	967.1	804.0	685.5	600.3	537.1	489.7	454.0	424.0
20°	3256.2	2239.9	1605.6	1175.3	909.8	744.1	641.2	565.7	509.0	465.8	431.5
17.5°	4456.9	3099.5	2013.5	1399.6	1046.9	828.6	688.9	593.2	526.0	476.3	437.9
15°	5667.0	3998.6	2640.2	1724.7	1196.5	902.5	729.9	616.9	542.7	487.9	445.8
12.5°	7003.2	4961.8	3196.2	1993.6	1350.6	991.6	782.2	648.9	561.0	499.5	453.5
10°	8157.4	5861.6	3864.6	2424.3	1553.3	1085.0	830.2	676.2	576.2	508.9	459.4
7.5°	9196.8	6630.3	4425.2	2760.4	1710.6	1159.1	868.6	698.1	587.6	515.8	463.6
5°	9934.3	7217.7	4876.0	3014.3	1823.1	1210.5	895.4	713.5	595.1	520.1	466.1
2.5°	10394.4	7571.2	5170.1	3165.1	1878.1	1238.6	912.2	722.3	601.5	524.9	467.5
0°	10436.6	7546.3	5211.4	3238.5	1843.0	1243.4	920.1	724.0	605.1	527.8	467.0
-2.5°	10394.4	7571.2	5170.1	3165.1	1878.1	1238.6	912.2	722.3	601.5	524.9	467.5
-5°	9934.3	7217.7	4876.0	3014.3	1823.1	1210.5	895.4	713.5	595.1	520.1	466.1
-7.5°	9196.8	6630.3	4425.2	2760.4	1710.6	1159.1	868.6	698.1	587.6	515.8	463.6
-10°	8157.4	5861.6	3864.6	2424.3	1553.3	1085.0	830.2	676.2	576.2	508.9	459.4
-12.5°	7003.2	4961.8	3196.2	1993.6	1350.6	991.6	782.2	648.9	561.0	499.5	453.5
-15°	5667.0	3998.6	2640.2	1724.7	1196.5	902.5	729.9	616.9	542.7	487.9	445.8
-17.5°	4456.9	3099.5	2013.5	1399.6	1046.9	828.6	688.9	593.2	526.0	476.3	437.9
-20°	3256.2	2239.9	1605.6	1175.3	909.8	744.1	641.2	565.7	509.0	465.8	431.5



Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2253.8	1684.1	1245.5	967.1	804.0	685.5	600.3	537.1	489.7	454.0	424.0
-25°	1618.1	1253.2	998.2	838.5	714.0	624.4	561.7	512.7	473.9	443.1	415.5
-27.5°	1184.1	967.9	841.9	726.3	640.4	579.8	529.1	488.0	456.3	430.4	406.9
-30°	916.5	810.4	719.4	642.1	586.5	537.9	498.9	467.4	440.0	416.3	394.9
-32.5°	752.3	692.2	628.0	582.3	539.2	503.6	473.4	446.5	423.2	401.9	382.6
-35°	647.6	606.6	566.6	532.8	501.5	474.0	448.3	426.7	406.3	387.0	370.1
-37.5°	573.7	544.3	518.9	492.7	469.3	446.0	425.7	407.3	388.9	373.0	358.0
-40°	518.9	497.9	480.2	460.0	440.5	420.8	405.1	388.9	374.0	359.3	345.9
-42.5°	477.4	462.9	447.7	431.4	414.9	400.5	386.1	372.6	359.0	346.1	334.4
-45°	444.3	432.2	418.9	406.9	394.1	381.6	368.7	356.2	344.0	333.2	323.2
-47.5°	415.9	406.3	395.9	385.5	374.7	363.4	351.5	339.4	329.7	320.1	309.6
-50°	391.6	383.6	374.8	365.6	356.3	345.9	334.9	323.7	314.8	305.5	295.3
-52.5°	369.1	362.7	355.4	347.5	338.8	329.1	319.0	308.4	299.2	290.2	280.1
-55°	348.3	343.3	336.5	329.2	321.3	312.3	302.8	292.7	283.3	274.6	262.6
-57.5°	328.0	323.4	316.8	310.1	303.3	294.2	284.7	275.8	265.9	255.4	243.6
-60°	304.2	301.3	294.3	287.2	280.3	272.9	264.0	254.9	245.9	235.0	222.4
-62.5°	274.5	271.4	265.9	260.2	254.5	248.5	240.5	232.0	223.4	213.5	199.7
-65°	242.1	238.6	234.9	231.4	227.0	221.8	214.8	207.0	197.6	186.9	175.3
-67.5°	212.4	209.7	206.8	203.5	199.4	194.2	187.4	179.3	170.8	162.1	153.0
-70°	185.8	183.6	180.8	177.1	172.4	166.9	160.5	153.6	146.2	138.5	130.6
-72.5°	158.6	156.6	153.7	149.6	144.9	139.9	134.6	128.6	122.1	114.9	108.4
-75°	130.5	128.8	126.3	122.7	118.8	114.6	109.9	104.7	99.4	94.1	89.0
-77.5°	103.1	101.2	98.9	95.9	92.7	89.2	85.5	81.7	77.9	73.9	69.7
-80°	76.5	75.1	73.5	71.2	68.7	65.8	62.8	59.9	56.9	54.0	51.3
-82.5°	52.2	51.7	51.0	49.1	47.1	45.2	43.3	41.5	39.7	37.8	35.8
-85°	29.3	29.3	29.0	28.2	27.3	26.3	25.2	24.0	22.8	21.6	20.2
-87.5°	10.4	10.3	10.1	9.8	9.6	9.4	9.1	8.8	8.5	8.2	7.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.7	4.2	3.8	3.3
85°	18.8	17.4	15.9	14.3	12.7	11.1	10.2	9.4	8.5	7.6	6.7
82.5°	33.7	31.5	29.3	27.0	24.6	22.1	19.5	16.9	14.2	11.6	10.0
80°	48.6	45.7	42.6	39.6	36.4	33.0	29.7	26.1	22.3	18.6	15.0
77.5°	65.3	60.8	56.1	52.2	48.6	44.7	40.3	35.5	30.2	25.5	20.9
75°	83.7	78.2	72.6	67.0	61.7	56.3	51.3	45.7	39.1	32.4	26.7
72.5°	102.6	96.4	89.5	82.5	76.2	69.7	63.0	55.7	48.2	40.5	32.8
70°	122.7	114.9	107.3	99.3	91.2	83.0	75.3	66.6	57.2	48.6	39.8
67.5°	143.5	134.2	125.1	116.1	106.9	97.4	87.7	77.6	67.1	56.5	46.8
65°	164.7	153.8	142.6	132.6	122.3	111.7	100.9	88.6	76.8	65.1	53.6
62.5°	186.4	173.7	161.3	149.2	137.5	125.8	113.7	99.9	86.4	73.6	60.8
60°	208.3	193.6	179.7	166.1	152.7	139.6	126.0	110.9	96.2	81.9	68.0
57.5°	229.2	213.1	197.2	182.3	167.8	153.3	138.0	121.7	105.6	90.1	75.1
55°	249.5	233.0	214.4	197.5	182.0	166.6	149.6	132.4	114.8	98.1	82.0
52.5°	267.4	251.0	231.7	212.4	195.1	178.9	160.7	142.7	124.1	105.7	88.7
50°	283.6	267.0	247.7	227.3	207.6	189.7	171.4	152.3	133.1	113.3	95.1
47.5°	297.7	281.7	262.6	241.3	220.2	200.0	181.0	161.4	141.8	121.0	101.4
45°	310.4	295.9	276.9	255.1	232.0	210.5	190.1	170.0	149.5	128.4	107.4
42.5°	322.2	308.2	290.8	268.5	243.9	220.6	198.8	177.9	156.7	135.5	113.4
40°	332.9	318.9	303.8	281.1	255.2	230.0	207.3	185.3	163.5	142.0	119.2
37.5°	343.5	329.0	313.4	292.8	265.8	239.6	215.2	192.4	170.0	147.8	124.6
35°	354.4	338.8	321.8	302.1	276.0	248.5	222.5	199.0	176.2	153.2	129.7
32.5°	364.8	347.7	329.5	309.9	285.4	256.6	229.6	205.4	181.9	158.3	134.4
30°	375.1	354.9	336.3	317.8	293.7	264.5	236.6	211.4	187.3	163.0	138.6
27.5°	382.9	361.3	342.3	324.1	300.6	271.8	243.4	216.9	192.2	167.3	142.4
25°	389.9	367.4	347.5	329.0	307.4	279.3	249.6	221.9	196.7	171.3	145.8
22.5°	396.9	372.7	351.9	333.2	313.9	286.1	255.5	227.0	200.7	174.8	148.9
20°	403.0	376.9	355.4	337.1	318.2	291.4	261.0	231.5	204.3	178.0	151.6
17.5°	408.2	381.3	359.2	340.3	321.1	295.9	265.8	235.4	207.4	180.7	154.0
15°	413.4	385.8	362.4	342.8	323.7	299.6	269.9	238.7	210.0	183.1	156.2
12.5°	418.0	389.1	364.8	344.5	325.8	302.4	273.3	241.4	212.2	185.2	158.3
10°	421.5	391.3	366.6	345.6	327.5	304.5	275.9	244.0	214.7	187.2	160.0
7.5°	424.0	392.4	367.6	346.1	328.7	306.4	278.5	246.8	217.0	188.7	161.3
5°	425.6	392.8	368.2	347.1	329.4	308.1	280.4	249.0	218.9	189.8	162.2
2.5°	427.6	393.1	368.2	347.9	329.4	309.2	281.4	250.5	220.3	190.5	162.8
0°	428.3	392.4	367.5	348.2	328.8	309.5	281.8	251.5	221.1	190.7	163.0
-2.5°	427.6	393.1	368.2	347.9	329.4	309.2	281.4	250.5	220.3	190.5	162.8
-5°	425.6	392.8	368.2	347.1	329.4	308.1	280.4	249.0	218.9	189.8	162.2
-7.5°	424.0	392.4	367.6	346.1	328.7	306.4	278.5	246.8	217.0	188.7	161.3
-10°	421.5	391.3	366.6	345.6	327.5	304.5	275.9	244.0	214.7	187.2	160.0
-12.5°	418.0	389.1	364.8	344.5	325.8	302.4	273.3	241.4	212.2	185.2	158.3
-15°	413.4	385.8	362.4	342.8	323.7	299.6	269.9	238.7	210.0	183.1	156.2
-17.5°	408.2	381.3	359.2	340.3	321.1	295.9	265.8	235.4	207.4	180.7	154.0
-20°	403.0	376.9	355.4	337.1	318.2	291.4	261.0	231.5	204.3	178.0	151.6

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	396.9	372.7	351.9	333.2	313.9	286.1	255.5	227.0	200.7	174.8	148.9
-25°	389.9	367.4	347.5	329.0	307.4	279.3	249.6	221.9	196.7	171.3	145.8
-27.5°	382.9	361.3	342.3	324.1	300.6	271.8	243.4	216.9	192.2	167.3	142.4
-30°	375.1	354.9	336.3	317.8	293.7	264.5	236.6	211.4	187.3	163.0	138.6
-32.5°	364.8	347.7	329.5	309.9	285.4	256.6	229.6	205.4	181.9	158.3	134.4
-35°	354.4	338.8	321.8	302.1	276.0	248.5	222.5	199.0	176.2	153.2	129.7
-37.5°	343.5	329.0	313.4	292.8	265.8	239.6	215.2	192.4	170.0	147.8	124.6
-40°	332.9	318.9	303.8	281.1	255.2	230.0	207.3	185.3	163.5	142.0	119.2
-42.5°	322.2	308.2	290.8	268.5	243.9	220.6	198.8	177.9	156.7	135.5	113.4
-45°	310.4	295.9	276.9	255.1	232.0	210.5	190.1	170.0	149.5	128.4	107.4
-47.5°	297.7	281.7	262.6	241.3	220.2	200.0	181.0	161.4	141.8	121.0	101.4
-50°	283.6	267.0	247.7	227.3	207.6	189.7	171.4	152.3	133.1	113.3	95.1
-52.5°	267.4	251.0	231.7	212.4	195.1	178.9	160.7	142.7	124.1	105.7	88.7
-55°	249.5	233.0	214.4	197.5	182.0	166.6	149.6	132.4	114.8	98.1	82.0
-57.5°	229.2	213.1	197.2	182.3	167.8	153.3	138.0	121.7	105.6	90.1	75.1
-60°	208.3	193.6	179.7	166.1	152.7	139.6	126.0	110.9	96.2	81.9	68.0
-62.5°	186.4	173.7	161.3	149.2	137.5	125.8	113.7	99.9	86.4	73.6	60.8
-65°	164.7	153.8	142.6	132.6	122.3	111.7	100.9	88.6	76.8	65.1	53.6
-67.5°	143.5	134.2	125.1	116.1	106.9	97.4	87.7	77.6	67.1	56.5	46.8
-70°	122.7	114.9	107.3	99.3	91.2	83.0	75.3	66.6	57.2	48.6	39.8
-72.5°	102.6	96.4	89.5	82.5	76.2	69.7	63.0	55.7	48.2	40.5	32.8
-75°	83.7	78.2	72.6	67.0	61.7	56.3	51.3	45.7	39.1	32.4	26.7
-77.5°	65.3	60.8	56.1	52.2	48.6	44.7	40.3	35.5	30.2	25.5	20.9
-80°	48.6	45.7	42.6	39.6	36.4	33.0	29.7	26.1	22.3	18.6	15.0
-82.5°	33.7	31.5	29.3	27.0	24.6	22.1	19.5	16.9	14.2	11.6	10.0
-85°	18.8	17.4	15.9	14.3	12.7	11.1	10.2	9.4	8.5	7.6	6.7
-87.5°	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.7	4.2	3.8	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
85°	5.7	4.8	3.9	2.9	1.9	1.0	0.0
82.5°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
80°	11.7	9.6	7.7	5.8	3.9	1.9	0.0
77.5°	16.6	12.5	9.6	7.2	4.8	2.4	0.0
75°	21.5	16.6	11.7	8.6	5.7	2.9	0.0
72.5°	26.3	20.6	14.9	10.0	6.7	3.3	0.0
70°	31.2	24.6	18.1	11.6	7.6	3.8	0.0
67.5°	37.2	28.5	21.2	13.9	8.5	4.2	0.0
65°	43.1	32.9	24.3	16.2	9.4	4.7	0.0
62.5°	49.0	37.7	27.3	18.5	10.2	5.1	0.0
60°	54.7	42.5	30.3	20.7	11.1	5.5	0.0
57.5°	60.6	47.1	33.9	22.8	12.5	6.0	0.0
55°	66.4	51.6	37.5	24.9	13.9	6.4	0.0
52.5°	72.1	56.0	41.0	27.0	15.3	6.8	0.0
50°	77.4	60.5	44.4	29.0	16.6	7.1	0.0
47.5°	82.6	64.7	47.7	31.0	17.9	7.5	0.0
45°	87.7	68.8	50.8	33.3	19.1	7.8	0.0
42.5°	92.6	72.7	53.9	35.6	20.2	8.2	0.0
40°	97.3	76.3	56.8	37.7	21.4	8.5	0.0
37.5°	101.8	79.7	59.5	39.7	22.4	8.8	0.0
35°	105.9	83.1	62.1	41.6	23.4	9.1	0.0
32.5°	109.9	86.3	64.5	43.3	24.3	9.4	0.0
30°	113.6	89.4	66.7	44.8	25.2	9.6	0.0
27.5°	117.1	92.2	68.7	46.3	26.0	9.8	0.0
25°	120.1	94.7	70.6	47.5	26.8	10.1	0.0
22.5°	122.9	97.1	72.3	48.7	27.5	10.3	0.0
20°	125.3	99.1	73.9	49.7	28.1	10.4	0.0
17.5°	127.5	100.8	75.3	50.5	28.6	10.6	0.0
15°	129.5	102.2	76.5	51.2	29.1	10.7	0.0
12.5°	131.2	103.4	77.6	51.8	29.5	10.8	0.0
10°	132.7	104.2	78.5	52.2	29.8	10.9	0.0
7.5°	133.9	104.8	79.2	52.5	30.1	11.0	0.0
5°	134.7	105.1	79.7	52.6	30.3	11.1	0.0
2.5°	135.2	105.2	80.0	52.6	30.4	11.1	0.0
0°	135.4	105.0	80.1	52.5	30.4	11.1	0.0
-2.5°	135.2	105.2	80.0	52.6	30.4	11.1	0.0
-5°	134.7	105.1	79.7	52.6	30.3	11.1	0.0
-7.5°	133.9	104.8	79.2	52.5	30.1	11.0	0.0
-10°	132.7	104.2	78.5	52.2	29.8	10.9	0.0
-12.5°	131.2	103.4	77.6	51.8	29.5	10.8	0.0
-15°	129.5	102.2	76.5	51.2	29.1	10.7	0.0
-17.5°	127.5	100.8	75.3	50.5	28.6	10.6	0.0
-20°	125.3	99.1	73.9	49.7	28.1	10.4	0.0

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	122.9	97.1	72.3	48.7	27.5	10.3	0.0
-25°	120.1	94.7	70.6	47.5	26.8	10.1	0.0
-27.5°	117.1	92.2	68.7	46.3	26.0	9.8	0.0
-30°	113.6	89.4	66.7	44.8	25.2	9.6	0.0
-32.5°	109.9	86.3	64.5	43.3	24.3	9.4	0.0
-35°	105.9	83.1	62.1	41.6	23.4	9.1	0.0
-37.5°	101.8	79.7	59.5	39.7	22.4	8.8	0.0
-40°	97.3	76.3	56.8	37.7	21.4	8.5	0.0
-42.5°	92.6	72.7	53.9	35.6	20.2	8.2	0.0
-45°	87.7	68.8	50.8	33.3	19.1	7.8	0.0
-47.5°	82.6	64.7	47.7	31.0	17.9	7.5	0.0
-50°	77.4	60.5	44.4	29.0	16.6	7.1	0.0
-52.5°	72.1	56.0	41.0	27.0	15.3	6.8	0.0
-55°	66.4	51.6	37.5	24.9	13.9	6.4	0.0
-57.5°	60.6	47.1	33.9	22.8	12.5	6.0	0.0
-60°	54.7	42.5	30.3	20.7	11.1	5.5	0.0
-62.5°	49.0	37.7	27.3	18.5	10.2	5.1	0.0
-65°	43.1	32.9	24.3	16.2	9.4	4.7	0.0
-67.5°	37.2	28.5	21.2	13.9	8.5	4.2	0.0
-70°	31.2	24.6	18.1	11.6	7.6	3.8	0.0
-72.5°	26.3	20.6	14.9	10.0	6.7	3.3	0.0
-75°	21.5	16.6	11.7	8.6	5.7	2.9	0.0
-77.5°	16.6	12.5	9.6	7.2	4.8	2.4	0.0
-80°	11.7	9.6	7.7	5.8	3.9	1.9	0.0
-82.5°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
-85°	5.7	4.8	3.9	2.9	1.9	1.0	0.0
-87.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)